Appendix A

32d Army Staff

Position Incumbent

Commander Lieutenant General Ushijima Mitsuru

Chief of staff Lieutenant General Cho Isamu

Senior operations officer Colonel Yahara Hiromichi

Army staff officer Lieutenant Colonel Kimura Masaharu

Army staff officer Major Jin Naomichi
Army staff officer Major Miyake Tadao

Army staff officer Major Kusumaru Kanenori

Army staff officer Major Nagano Hideo

Senior deputy staff officer Lieutenant Colonel Kuzuno Ryuichi

Weapons branch chief Colonel Sakurai Mitsugi
Administration branch chief Colonel Sato Miyoharu

Medical branch chief Colonel Shinoda Shigeyoshi

Veterinary branch chief Colonel Sato Takehisa

Legal affairs branch chief Major Wada Kazuyoshi

Source: Okinawa Sakusen, Dai-niji sekai taisen-shi, Rikusenshi-shu 9, Rikusenshi kenkyu fukyukai ed. (Tokyo: Hara Shobo, 1968), 260.

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Appendix B



IJA 32d Army Order of Battle, March 1945

Army Units

Unit	Strength
32d Army Troops	
Headquarters	1,070
Ordnance Depot	1,498
Ordnance Duty Unit	150
Field Freight Depot	1,167
36th Signal Regiment	1,912
Okinawa Army Hospital	204
27th Field Water Purification Unit	244
Well-Digging Unit	34
Defense Construction Unit	108
7th Fortress Construction Duty Company	322
2d Field Construction Duty Company	366
24th Infantry Division	
Headquarters	267
22d Infantry Regiment	2,796
32d Infantry Regiment	2,870
89th Infantry Regiment	2,809
42d Field Artillery Regiment	2,321
24th Reconnaissance Regiment	346
24th Engineer Regiment	777
24th Transport Regiment	1,158
Signal Unit	275
Decontamination Training Unit	77
Ordnance Repair Unit	57
Veterinary Hospital	11
Water Supply and Purification Unit	241
1st Field Hospital	174
2d Field Hospital	181

Headquarters1471st Medium Artillery Regiment (-)85623d Medium Artillery Regiment1,1437th Heavy Artillery Regiment526100th Independent Heavy Artillery Battalion5651st Independent Artillery Mortar Regiment (-)6131st Light Mortar Battalion6332d Light Mortar Battalion615	Unit	Strength
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103d Independent Machine Cannon Battalion336104th Independent Machine Cannon Battalion338		
104th Independent Machine Cannon Battalion		

Unit	Strength
Machine-Gun Units	
3d Independent Machine-Gun Battalion	340
4th Independent Machine-Gun Battalion	344
14th Independent Machine-Gun Battalion	334
17th Independent Machine-Gun Battalion	331
Antitank Units	
3d Independent Antitank Battalion	363
7th Independent Antitank Battalion	353
22d Independent Antitank Battalion	402
32d Independent Antitank Company	144
11th Shipping Group	
Headquarters	100
7th Shipping Engineer Branch Depot	600
23d Shipping Engineer Regiment (-)	850
26th Shipping Engineer Regiment (-)	550
5th Sea Raiding Base Headquarters	42
1st Sea Raiding Squadron	104
2d Sea Raiding Squadron	104
3d Sea Raiding Squadron	104
26th Sea Raiding Squadron	104
27th Sea Raiding Squadron	104
28th Sea Raiding Squadron	104
29th Sea Raiding Squadron	104
1st Sea Raiding Base Battalion	886
2d Sea Raiding Base Battalion	874
3d Sea Raiding Base Battalion	877
26th Sea Raiding Base Battalion	908
27th Sea Raiding Base Battalion	897
28th Sea Raiding Base Battalion	900
29th Sea Raiding Base Battalion	900
49th Line of Communication Sector	
Headquarters	202
72d Land Duty Company	508
83d Land Duty Company	496
103d Sea Duty Company	711
104th Sea Duty Company	724
215th Independent Motor Transport Company	181
259th Independent Motor Transport Company	182
Engineer Units	227
66th Independent Engineer Battalion	
14th Field Well Drilling Company	
20th Field Well Drilling Company	110

Unit	Strength
19th Air Sector Command	
Headquarters	41
29th Field Airfield Construction Battalion	750
44th Airfield Battalion	377
50th Airfield Battalion	360
56th Airfield Battalion	380
3d Independent Maintenance Unit	120
Makoto 1st Maintenance Company	90
118th Independent Maintenance Unit	100
6th Fortress Construction Duty Company Detachment, 20th Air Regiment	330
10th Field Meteorological Unit	27
26th Air-Ground Radio Unit	80 117
46th Independent Air Company	132
1st Branch Depot, 5th Field Air Repair Depot	132
21st Air Signal Unit	310
Okinawa Branch, Army Air Route Department	359
223d Specially Established Garrison Company	200
224th Specially Established Garrison Company	200
225th Specially Established Garrison Company	200
27th Tank Regiment	750
Army Unit Total	66,636 ^a
Navy Units	
Okinawa Base Force (Headquarters, Coast Defense, and	
Antiaircraft Personnel)	3,400
27th Motor Torpedo Boat Squadron	200
33d Midget Submarine Unit	130
37th Torpedo Maintenance Unit	140
Torpedo Working Unit	130
81-mm Mortar Battery	150
Oroku Transmitting Station	30
Naha Branch, Sasebo Naval Stores Department	136
Naha Branch, Sasebo Transportation Department	136
Naha Navy Yard, Sasebo Naval Base	53
Oroku Detachment, 951st Air Group	600

^aThis figure represents the total Japanese strength. Included in it, however, are an estimated 5,000 Okinawans, mostly regular conscripts, who were integrated into Japanese units.

Unit	Strength
Nansei Shoto Air Group 226th Construction Unit 3210th Construction Unit	2,000 1,420 300
Navy Unit Total	8,825 ^b
Okinawan	
502d Special Guard Engineer Unit 503d Special Guard Engineer Unit 504th Special Guard Engineer Unit Blood-and-Iron-for-the-Emperor Duty Unit Boeitai Assigned to the Army Boeitai Assigned to the Navy Students Regular Conscripts Not Included Under Army Units	900 700 700 750 16,600 1,100 600 2,000
Okinawan Total	23,350
Grand Total (Rounded Out) Army Units Navy Units Okinawans	67,000 9,000 24,000
Japanese Strength on Okinawa	$100,000^{c}$

^bThis total represents both regular naval ratings and the Japanese, Korean, and Okinawan military civilians who were utilized in the naval land combat organization.

Source: Charles S. Nichols and Henry I. Shaw, Okinawa: Victory in the Pacific (Washington, DC: Historical Branch, G-3 Division, U.S. Marine Corps, 1955), 302—4.

^cStrength figures have been rounded.

Notes



- Boei kenkyujo senshishitsu, ed., Okinawa homen rikugun sakusen, Senshi sosho, vol. 11, [Okinawa area infantry strategy, War History Series] (Tokyo: Asakumo shimbunsha, 1968), 2—3, hereafter cited as OHRS; and U.S. Army Forces Far East, Military History Section, ed., Japanese Monograph no. 135, Okinawa Operations Record (Washington, DC, 1949), Book 1, "Okinawa Operations Record of 32d Army," 1, hereafter cited as JM 135.
- 2. JM 135, 2-3.
- 3. Inagaki Takeshi, Okinawa: higu no sakusen [Okinawa: A strategy of tragedy] (Tokyo: Shinchosha, 1984), 85.
- 4. JM 135, 4.
- 5. U.S. Army, 77th Infantry Division, G-2 Section, "G-2 Summary—Okinawa From 27 April 1945 to 10 June 1945" (Okinawa, June 1945), 17, hereafter cited as 77th ID, "G-2 Summary."
- 6. Inagaki, Okinawa, 86.
- 7. JM 135, 9-10.
- 8. Ibid., 18-19.
- 9. Ibid., 11.
- 10. Ibid., 20-20B, 20D-20G.
- 11. Inagaki, Okinawa, 108.
- 12. OHRS, 132-35; and Inagaki, Okinawa, 109-11, 116.
- 13. JM 135, 30; OHRS, 135-36; and Inagaki, Okinawa, 118.
- OHRS, 136; and Inagaki, Okinawa, 118-19.
- 15. OHRS, 136-37; and Inagaki, Okinawa, 119-20.
- 16. JM 135, 28B, 29; and OHRS, 137.
- 17. Ibid.
- 18. JM 135, 29-30.
- 19. Inagaki, Okinawa, 122.
- 20. OHRS, 168-70; Inagaki, Okinawa, 133-34; and JM 135, 32.
- 21. OHRS, 167-68; Inagaki, Okinawa, 134, 136.
- 22. Inagaki, Okinawa, 138-39.
- 23. Ibid., 139-40.

- 24. Ibid., 140.
- 25. Ibid.
- 26. JM 135, 50-51; and Inagaki, Okinawa, 142.
- 27. JM 135, 49; and Inagaki, Okinawa, 142.
- 28. JM 135, 49-50.
- 29. Ibid., 50.
- 30. Roy E. Appleman, et al., Okinawa: The Last Battle, U.S. Army in World War II (1948; reprint, Washington, DC: Department of the Army, 1971), 9; and JM 135, 56-57.
- 31. Charles S. Nichols and Henry I. Shaw, *Okinawa: Victory in the Pacific* (Washington, DC: Historical Branch, G-3 Division, U.S. Marine Corps, 1955), 57, 303—4; and JM 135, 40—41.
- 32. OHRS, 622-24; and JM 135, 41-42.
- 33. JM 135, 57.
- 34. Nichols and Shaw, Okinawa, 302-4.
- 35. Ibid., 302; OHRS, Enclosed chart 2; and Inagaki, Okinawa, 94.
- 36. Morimatsu Toshio (former captain IJA), interview with author, Tokyo, Japan, November 1985; Nichols and Shaw, *Okinawa*, 50, 57; and *OHRS*, Enclosed chart 2.
- 37. Nichols and Shaw, Okinawa, 50, 58; and OHRS, Enclosed chart 2.
- 38. Morimatsu interview; and Nichols and Shaw, Okinawa, 50.
- 39. OHRS, Enclosed charts 1 and 2; and Nichols and Shaw, Okinawa, 56.
- 40. Nichols and Shaw, Okinawa, 51-52, 302.
- 41. Inagaki, 95.
- 42. OHRS, Enclosed chart 2.
- 43. Nichols and Shaw, Okinawa, 51, 303; and OHRS, Enclosed chart 2.
- 44. Nichols and Shaw, Okinawa, 303.
- 45. Ibid., 53, 303.
- 46. Ibid., 302-3.
- 47. JM 135, 37; Nichols and Shaw, Okinawa, 57-58; and OHRS, 174-75.
- 48. JM 135, 38; Nichols and Shaw, Okinawa, 58, 303; and OHRS, 176.
- 49. JM 135, 39; Nichols and Shaw, Okinawa, 58, 303; and OHRS, 176.
- 50. Ibid.
- 51. JM 135, 40.
- 52. Nichols and Shaw, Okinawa, 58-59.
- 53. OHRS, Enclosed chart 1.
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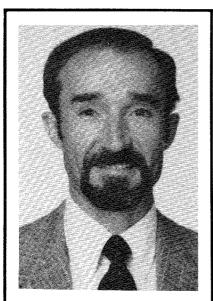
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From April to June 1945, U.S. and Imperial Japanese Army (IJA) forces fought fiercely for control of the island of Okinawa. The Japanese Imperial General Headquarters (IGHQ) had determined after U.S. strikes on Truk in February 1944 that sooner or later the Americans would seize Okinawa as a forward base for the invasion of Japan. The IJA 32d Army was established on Okinawa in March 1944 to forestall this eventuality and immediately faced the challenge of how to deal not only with superior numbers of U.S. troops but also with overwhelming American firepower by air, land, and sea. The 32d Army's innovative staff had one year in which to invent and implement a new form of underground warfare that would be proof against the Americans' abundant bombs and tanks. Their methods were devised in the field in defiance both of the IJA's traditional light infantry doctrine and of IGHQ's preoccupation with air power. The 32d Army's answer was an ingenious system of fire-port caves, dug into hilltops and ridges, with interlocking fires, and with more elaborate headquarters caves built well in the rear.

The amphibious landing of four divisions of U.S. troops on 1 April 1945 confirmed IJA 32d Army Staff's worst fears about the U.S. challenge. Operations Officer Yahara Hiromichi successfully restrained the 32d Army from attacking on the beaches instead of cleaving to its protective caves. Nonetheless, the 32d Army immediately found itself torn by the dilemma of whether to mount a dashing sacrificial attack or to do the more patient work of fighting from the caves.

Within a few weeks, new tactical patterns evolved on Okinawa. U.S. tanks moved forward into dead spaces between cave port fire zones, escorted by infantry. The Japanese, to protect their cave openings, put infantry on the surface to drive back the tank-infantry teams. The result was searing clashes between small units of U.S. and Japanese infantry for the protection of tanks and cave fire ports respectively.

Between 1 April and 4 May, U.S. troops moved slowly but steadily into the Japanese main defensive line of caves north of Shuri on the Okinawa isthmus. By 4 May, however, seeing their position seriously eroded, IJA 32d Army Staff members had cast off Yahara's caution and launched a major counterattack in the open against U.S. forces. This was a gesture that conformed to standard IJA doctrine of bold attack, but it had disastrous results. Losses were high, and U.S. forces were not dislodged.

The IJA 32d Army positions around Shuri continued to erode so that by 29 May the 32d Army was forced to retreat to a freshly prepared line at the extreme south end of the island. By this point, Japanese combattrained troops had mostly become casualties so that support troops manned the Japanese line. Vigorous attacks by U.S. soldiers and marines, using flamethrower tanks, cut through these positions quickly after 9 June. The IJA rear-area headquarters were finally threatened so that by 22 June most major unit commanders had committed ritual suicide and ordered surviving soldiers to fight on as long as they could, then do the same. Some of these surviving IJA soldiers unfortunately committed atrocities against the civilian population, and only a small percentage surrendered. By the time the fighting stopped, U.S. casualties of all kinds, including wounded and noncombat injuries, were also high, exceeding 70,000, about equal to the number of IJA regular troops that had defended the island.

The IJA 32d Army held out for ten weeks against overwhelming U.S. firepower, including airborne firepower. It did so by the then novel method of moving its whole force underground, then relying on the not so novel method of boldly contesting the no-man's-land in front of the caves foot by foot in a manner reminiscent of World War I.